

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	374	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/28 14:03
L14	89	L13 and (accessor\$4 consum\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/28 14:48
L15	1	("20030025481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/28 14:48
S1	195	(320/124).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 16:53
S2	10	S1 and dynam\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 14:37
S3	106	S1 and first and second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 14:41
S4	2	("20040169492").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/22 16:56
S5	8	("4056764"   "4547629"   "5537390"   "5606240"   "5710504"   "5932932").PN. OR ("6404165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 17:00
S6	368	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 17:35
S7	195	(320/124).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/22 17:31

## EAST Search History

S8	368	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/22 17:32
S9	4	S8 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 17:32
S10	4	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 17:32
S11	29	S8 and gass\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 17:33
S12	24	("3040229"   "3130359"   "3217225"   "3348118"   "3412308"   "3424969"   "3447059"   "3517294").PN. OR ("3660748").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 17:44
S13	1	("2204101").URPN.	USPAT	OR	OFF	2005/12/22 17:47
S14	6	("5886499"   "5986433"   "5986437"   "6154010"   "6204633"   "6337580").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 18:41
S15	125	S8 and (vehicle motor car auto)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 18:41
S16	27	S15 and (constant adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 18:53
S17	55	S15 and generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 18:53
S18	31	S17 and regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/22 18:53

## EAST Search History

S19	6	("5680030"   "5696436"   "5736834"   "5886500"   "6020722"   "6057665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/22 19:01
S20	368	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 09:43
S21	163	(320/147).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 11:52
S22	362	(320/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 11:53
S23	8	("5680030"   "5696436"   "5736834"   "5886500"   "6020722"   "6057665").PN. OR ("6147473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/23 15:55
S24	14263	("320").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 15:55
S25	889	(320/124,125,160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 15:56
S26	19	S25 and (motor same generator same regulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 15:58
S27	286	S25 and (vehicle motor auto car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:20
S28	30	S27 and (battery cell module) same generator same regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:20

## EAST Search History

S29	15	S27 and (battery cell module) same generator same regulator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:19
S30	1311	S24 and (lead adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:20
S31	795	S30 and (vehicle motor auto car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:53
S32	45	S31 and (battery cell module) same generator same regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:52
S33	45	S31 and ((battery cell module) same generator same regulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:45
S34	146	S31 and ((battery cell module) AND generator AND regulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:43
S35	312	S31 and (battery cell module) same generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:54
S36	203	S35 and regulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:52
S37	134	S35 and regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 16:52
S38	236	S31 and (battery cell module) same charg\$4 same generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 17:00

## EAST Search History

S39	166	S31 and (battery cell module) with charg\$4 with generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 17:00
S40	64	S39 and regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:54
S41	368	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/23 17:35
S42	184	S41 and discharg\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 17:44
S43	32	S42 and forc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 17:36
S45	91	S41 and (heat\$4 de\$ frost\$4)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/12/23 17:54
S47	76321	("318").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/23 17:54
S48	0	("L24andcharg\$4same(interrupt\$4 stop\$)sameswitch\$4").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/23 17:56
S49	1971	S47 and (discharg\$4 with (switch\$4 turn\$4))	US-PGPUB; USPAT	OR	ON	2005/12/23 18:03
S50	283	S49 and (charg\$4 with (interrupt\$4 stop\$4))	US-PGPUB; USPAT	OR	ON	2005/12/23 17:59
S51	0	S50 and de\$ excit\$4	US-PGPUB; USPAT	OR	ON	2005/12/23 17:59
S52	25	S47 and de\$ excit\$4	US-PGPUB; USPAT	OR	ON	2005/12/23 17:59
S53	157	S47 and ((battery cell module) with discharg\$4 with (switch\$4 turn\$4))	US-PGPUB; USPAT	OR	ON	2005/12/23 18:04

## EAST Search History

S54	31	S34 and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:55
S55	5073	S24 and (vehicle motor auto car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:53
S56	1781	S55 and (battery cell module) same generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:06
S57	712	S56 and regulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:54
S58	172	S57 and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:59
S59	72	S58 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 18:59
S60	155	S56 and (generator same bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:06
S61	43	S60 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:29
S62	7634	S47 and excitation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:29

## EAST Search History

S63	1291	S47 and (excitation adj current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 17:19
S64	410	S63 and (battery cell module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:30
S65	263	S63 and (battery cell module)	US-PGPUB; USPAT	OR	ON	2005/12/23 19:31
S66	65	S63 and (battery cell module) and interrupt\$4	US-PGPUB; USPAT	OR	ON	2005/12/23 19:31
S67	14	S63 and (battery cell module) with interrupt\$4	US-PGPUB; USPAT	OR	ON	2005/12/23 19:31
S68	30	S47 and (excitation adj current) with interrupt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:34
S69	72	S47 and (excitation adj current) with (interrupt\$4 stop\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/23 19:35
S70	24	(US-2002-000787-\$ or US-2002-010101-\$ or US-2003-00052647-\$).did. or (US-3660748-\$ or US-4849682-\$ or US-5307001-\$ or US-5376873-\$ or US-5696436-\$ or US-6104165-\$ or US-6147473-\$ or US-6249107-\$ or US-6329789-\$ or US-6332113-\$ or US-6404165-\$ or US-6511773-\$ or US-6657415-\$ or US-6771044-\$ or US-6522102-\$ or US-6459243-\$ or US-6909287-\$ or US-5623197-\$ or US-5594321-\$ or US-6777905-\$).did. or (US-2204101-\$).did.	US-PGPUB; USOCR	OR	OFF	2005/12/23 19:54
S71	16	S70 and (negative damag\$4 harm\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/23 19:54

## EAST Search History

S72	196	(320/124).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 16:59
S73	374	(320/125).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 17:02
S74	164	(320/147).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 17:05
S75	364	(320/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 17:13
S76	14776	("320").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 17:19
S77	0	S76 and (de\$excit\$5 adj current)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/06/25 17:20
S78	7	S76 and de\$excit\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 17:48
S79	1	S76 and de\$excit\$5	US-PGPUB	OR	ON	2006/06/25 17:34
S80	1	((first and second) with charg\$4 and dynamiz\$4 and discharg\$4 and de\$excit\$4	US-PGPUB	OR	ON	2006/06/25 17:38
S81	1	((first and second) with charg\$4 and dynamiz\$4 and discharg\$4	US-PGPUB	OR	ON	2006/06/25 17:40
S82	1	((first and second) with charg\$4 and dynamiz\$4 and excit\$4	US-PGPUB	OR	ON	2006/06/25 17:40
S83	2230	((first and second) with charg\$4 and excit\$4	US-PGPUB	OR	ON	2006/06/25 17:42
S84	15	((first and second) with charg\$4 and de\$excit\$4	US-PGPUB	OR	ON	2006/06/25 17:42



## EAST Search History

S85	3	((first and second) with charg\$4) and de\$excit\$4).clm.	US-PGPUB	OR	ON	2006/06/25 17:42
S86	116	((first and second) with charg\$4) and excit\$4).clm.	US-PGPUB	OR	ON	2006/06/25 17:43
S87	39	S86 and discharg\$4	US-PGPUB	OR	ON	2006/06/25 17:43
S88	58820	((increas\$4 add amplif\$4) with voltage).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 17:51
S89	2	S88 and dynamiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 17:57
S90	12	(318/536).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 18:36
S91	238	(320/127).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/25 18:37